

06-14-01 A

Please type a plus sign (+) inside this box [+]

PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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06/12/01
JC962 U.S. PTO

06/12/01
J1000 US PTO
J109/881448

06/12/01
Barcode

UTILITY PATENT APPLICATION TRANSMITTAL
(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 42390.P10984
(maximum 12 characters)

First Named Inventor Manav Mishra

Title: ROUTING AND SWITCHING IN A HYBRID NETWORK

Express Mail Label No. EL431685394US

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, D. C. 20231

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. **Fee Transmittal Form (e.g., PTO/SB/17)**
(Submit an original, and a duplicate for fee processing)
2. **Applicant Claims Small Entity Status. (37 CFR 1.27)**
3. **Specification (Total Pages 24)**
(preferred arrangement set forth below)
 - Descriptive Title of the Invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. **Drawings(s) (35 USC 113) (Total Sheets 7)**
5. **Oath or Declaration (Total Pages 5)**
 - a. Newly Executed (Original or Copy)
 - b. Copy from a Prior Application (37 CFR 1.63(d))
(for Continuation/Divisional with Box 17 completed)
 - i. **DELETIONS OF INVENTOR(S)** Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
 - c. Unsigned.
6. **Application Data Sheet. (37 CFR 1.76)**
7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statement verifying identity of above copies

The PTO will review the following
listed item(s) as soon as possible

ACCOMPANYING APPLICATION PARTS

9. **Assignment Papers (cover sheet & documents(s))**

10. a. Separate 37 CFR 3.73(b) Statement (where there is an assignee)

11. b. Power of Attorney

12. English Translation Document (if applicable)

13. a. Information Disclosure Statement (IDS)/PTO-1449

14. b. Copies of IDS Citations

15. **Preliminary Amendment**

16. **Return Receipt Postcard (MPEP 503) (Should be specifically itemized)**

17. Certified Copy of Priority Document(s) (if foreign priority is claimed)

18. **Request and Certification under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.**

19. Other: Certificate of mailing with copy of return postcard signed by attorney

18A. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

Continuation Divisional Continuation-in-part (CIP)
 Of Prior Application No.: _____ Examiner _____ Group Art Unit _____

(which is a continuation/ divisional/ CIP of prior application no. _____, which is a continuation/ divisional/ CIP of prior application no. _____) (List entire chain of priority)

For CONTINUATION AND DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18B. Statement under 37 CFR 3.73(b) for continuing application:

The undersigned states that _____ (name of assignee) is the assignee of the entire right, title, and interest in the accompanying patent application by virtue of an assignment recorded in the Patent and Trademark Office at Reel. No. _____ Frame No. _____ (or a copy of which is attached).

19. Correspondence Address

Customer Number or Bar Code Label _____
 or _____ (Insert Customer No. or Attach Bar Code Label here)
 Correspondence Address Below

NAME Jan Carol Little

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

ADDRESS 12400 Wilshire Boulevard

Seventh Floor

CITY Los Angeles STATE California ZIP CODE 90025-1026

Country U.S.A. TELEPHONE (425) 827-8600 FAX (425) 827-5644

Name (PRINT/TYPE): Jan Carol Little Registration No.: 41,181
 Signature: Jan Carol Little Date: June 12, 2001

FEE TRANSMITTAL FOR FY 2001

TOTAL AMOUNT OF PAYMENT (\$) \$830.00

Complete if Known:

Application No. not yet assignedFiling Date herewithFirst Named Inventor Manav MishraGroup Art Unit not yet assignedExaminer Name not yet assignedAttorney Docket No. 42390.P10984

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 02-2666Deposit Account Name

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

Applicant claims small entity status. See 37 CFR 1.27

2. Payment Enclosed: Check
 Credit Card
 Money Order
 Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity			
Fee	Fee	Fee	Fee	Fee Paid
Code	(\$)	Code	(\$)	
101	710	201	355	Utility application filing fee <u>710.00</u>
106	320	206	160	Design application filing fee <u></u>
107	490	207	245	Plant filing fee <u></u>
108	710	208	355	Reissue filing fee <u></u>
114	150	214	75	Provisional application filing fee <u></u>

SUBTOTAL (1) \$ 710.002. EXTRA CLAIM FEES

	Extra Claims	Fee from below	Fee Paid
Total Claims <u>23</u>	$- 20^{**} = 0$	<u>X 0.00</u>	<u>=</u>
Independent Claims <u>4</u>	$- 3^{**} = 1$	<u>X 80.00</u>	<u>= 80.00</u>
Multiple Dependent			<u>=</u>

**Or number previously paid, if greater; For Reissues, see below.

Large Entity	Small Entity			
Fee	Fee	Fee	Fee	Fee Description
Code	(\$)	Code	(\$)	
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	80	209	40	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) \$ 80.00

FEE CALCULATION (continued)

3. ADDITIONAL FEES

<u>Large Entity</u>		<u>Small Entity</u>		<u>Fee Description</u>	<u>Fee Paid</u>
<u>Fee Code</u>	<u>Fee (\$)</u>	<u>Fee Code</u>	<u>Fee (\$)</u>		
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for ex parte reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	390	216	195	Extension for reply within second month	
117	890	217	445	Extension for reply within third month	
118	1,390	218	695	Extension for reply within fourth month	
128	1,890	228	945	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive – unavoidable	
141	1,240	241	620	Petition to revive - unintentional	
142	1,240	242	620	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	40.00
146	710	246	355	For filing a submission after final rejection (see 37 CFR 1.129(a))	
149	710	249	355	For each additional invention to be examined (see 37 CFR 1.129(b))	
179	710	279	355	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	
195	300	195	300	Publication fee for early, voluntary, or normal publication	
196	300	196	300	Publication fee for republication	
194	130	194	130	Request for voluntary publication or republication	
098	130	098	130	Processing fee under 37 CFR 1.17(i)	
091	1,240	091	1,240	Acceptance of unintentionally delayed claim for priority	

Other fee (specify) _____

Other fee (specify) _____

SUBTOTAL (3) \$ 40.00

*Reduced by Basic Filing Fee Paid

SUBMITTED BY:

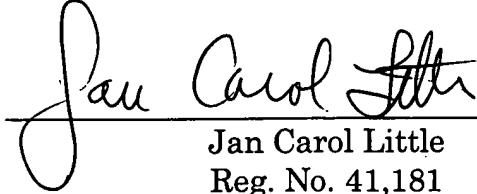
Typed or Printed Name: Jan Carol Little
 Signature: Jan Carol Little Date: June 12, 2001
 Reg. Number: 41,181 Telephone Number: 425-827-8600

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

ROUTING AND SWITCHING IN A HYBRID NETWORK
Inventors: Manav Mishra

Respectfully submitted,

BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP


Jan Carol Little
Reg. No. 41,181

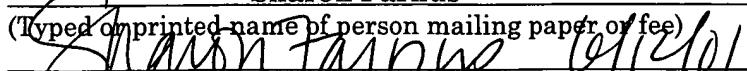
"Express Mail" mailing label number: EL431685394US

Date of Deposit: June 12, 2001

I hereby certify that I am causing this paper or fee to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and that this paper or fee has been addressed to the Assistant Commissioner for Patents, Washington, D. C. 20231

Sharon Farnus

(Typed or printed name of person mailing paper or fee)

 (Signature of person mailing paper or fee) (Date signed)

Serial/Patent No.:	<u>New Application</u>	Filing/Issue Date:	<u>Herewith</u>
Client:	<u>INTEL Corporation</u>		
Title:	<u>ROUTING AND SWITCHING IN A HYBRID NETWORK</u>		
bstz File No.:	<u>42390.P10984</u>	Atty/Secty Initials:	<u>JCL:sef</u>
Date Mailed:	<u>6-12-01</u>	Docket Due Date:	<u>***</u>
The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:			
<input checked="" type="checkbox"/> Amendment/Response (____ pgs.) <input type="checkbox"/> Appeal Brief (____ pgs.) (in triplicate) <input checked="" type="checkbox"/> Application - Utility (<u>24</u> pgs., with cover and abstract) <input type="checkbox"/> Application - Rule 1.53(b) Continuation (____ pgs.) <input type="checkbox"/> Application - Rule 1.53(b) Divisional (____ pgs.) <input type="checkbox"/> Application - Rule 1.53(b) CIP (____ pgs.) <input type="checkbox"/> Application - Rule 1.53(d) CPA Transmittal (____ pgs.) <input type="checkbox"/> Application - Design (____ pgs.) <input type="checkbox"/> Application - PCT (____ pgs.) <input type="checkbox"/> Application - Provisional (____ pgs.) <input checked="" type="checkbox"/> Assignment and Cover Sheet <input checked="" type="checkbox"/> Certificate of Mailing <input checked="" type="checkbox"/> Declaration & POA (<u>5</u> pgs.) <input type="checkbox"/> Disclosure Docs & Org & Cpy of Inventor's Signed Letter (____ pgs.) <input checked="" type="checkbox"/> Drawings: <u>7</u> # of sheets includes <u>8</u> figures			
<input checked="" type="checkbox"/> Express Mail No.: <u>EL431685394US</u> <input checked="" type="checkbox"/> Check No. <u>1324</u> <input type="checkbox"/> _____ Month(s) Extension of Time <input type="checkbox"/> Check No. _____ <input type="checkbox"/> Information Disclosure Statement & PTO-144 (____ pgs.) <input type="checkbox"/> Amt: <u>\$830.00</u> <input type="checkbox"/> Issue Fee Transmittal <input type="checkbox"/> Amt: _____ <input type="checkbox"/> Notice of Appeal <input type="checkbox"/> Petition for Extension of Time <input type="checkbox"/> Petition for _____ <input checked="" type="checkbox"/> Postcard <input type="checkbox"/> Power of Attorney (____ pgs.) <input type="checkbox"/> Preliminary Amendment (____ pgs.) <input type="checkbox"/> Reply Brief (____ pgs.) <input type="checkbox"/> Response to Notice of Missing Parts <input type="checkbox"/> Small Entity Declaration for Indep. Inventor/Small Business <input type="checkbox"/> Transmittal Letter, in duplicate <input checked="" type="checkbox"/> Fee Transmittal, in duplicate			
<input checked="" type="checkbox"/> Other: <u>Certificate of mailing with copy of return posrcard signed by attorney</u>			